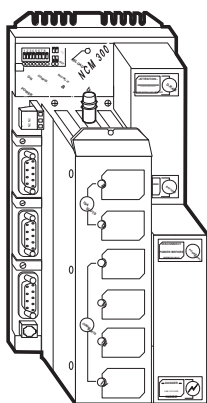NCM
Network Port

Network Port (NCM300 Chassis)

Description

Network Port is a configurable gateway between Metasys® and a system using Allen-Bradley's Data Highway Plus communications protocol. It is a bidirectional interface device that can act as a slave, peer, or master. Through Network Port, Metasys monitors and commands Metasys data together with field gear and data resident on another system such as an Allen-Bradley PLC® on the Allen-Bradley Ethernet. Likewise, the Network Port allows the control system or device to monitor and command the Metasys FMS.

Features

- supplier independence — you can manage your system independently of any single supplier's product offering

- connectivity to existing system offers investment protection

- bi-directional communication allows either your existing system PC or Metasys OWS to control the entire system

- single seat user interface provides you the ability to control multiple systems from your OWS

- industry standard protocol provides a "future-proof" interface, which means your existing interface will be isolated from changes as your Metasys Network is upgraded with new technologies over time

To Order

Specify the code number from the following selection chart.

Selection Chart

Code Number	Description
NCM300 Network Port	
NU-NCM350-8	Network Port (using NCM350)
NU-PWR350-8	Replacement Power Supply Module
NU-BAT300-0	Replacement Battery Pack

Repair Parts

Code Number	Description
NCM200 Network Port	
NU-NCM201-701	Network Port (repair)
NCM300 Network Port	
NU-NCM300-701	Network Port (repair)
NU-NCM350-708	Network Port (repair)

Note: The NCM 200 and NCM 300 are for previous installations.

Specifications

Network Control Module 300/350 Series	
Software Required	Metasys Release 9.0 or later
Supply Voltage	90 to 240 VAC, 670 to 250 mA, 50-60 Hz
Power Consumption	60 VA (maximum), 25 VA (typical) at 50/60 Hz
Ambient Operating Conditions	0 to 50°C/32 to 122°F 10 to 90% RH non-condensing
Ambient Storage Conditions	0 to 50°C/32 to 122°F 10 to 90% RH
Internal Batteries	Shelf life (disconnected): 10 years Typical working life, with power: 5 years Maintains RAM programs/data for up to a 72-hour power failure Automatically recharges from NCM
Serial Interfaces	One optically isolated RS-485 interface for N2 connection; 9600 baud Pluggable, 3-position connector Three RS-232-C ports (300 through 19200 baud): • two DB9 male connection • one DB9 male/RJ-12 connection
Processor	80386 @ 16 MHz
Memory Options	Total Memory 8 MB
Dimensions (L x W x H)	12.4 in. x 6.0 in. x 5.5 in. (32 x 15 x 14 cm)
Shipping Weight	4.2 lb (1.9 kg)
Agency Listings	UL 916 Listed CSA C22.2 Certified FCC Class B Meets EMC Directive 89/336/EEC C∈ UL 864 Listing in Process CUL 527 Listing in Process